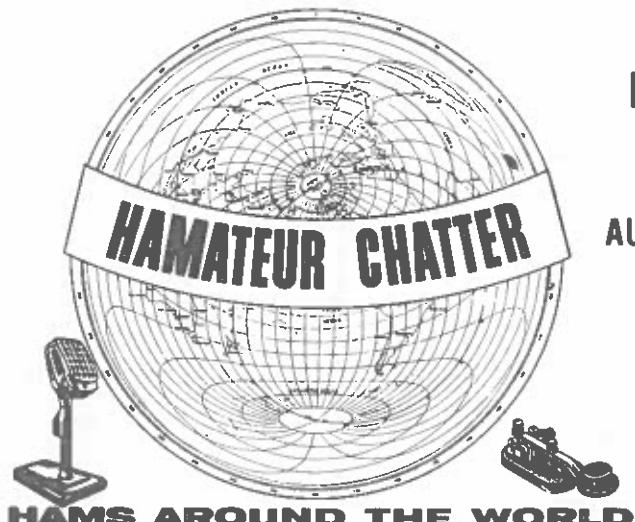


The Milwaukee Radio Amateurs' Club, Inc.

The World's Oldest Continuously Active Radio Amateur Club

Editorial Staff
Jack Doyle, W9GPI
Bob Goldstein, K9KJT

Carl Rohde, W9ROM - Publisher
Bob Price, WA9JLU - Circulation
Ted Willett, W9NHE - Production



HAMATEUR CHATTER

AUGUST SEPTEMBER 1966

NUMBER NINE

FROM THE EMERGENCY COORDINATOR

For several years we have been talking about forming a non-profit corporation under the laws of the State of Wisconsin. This would allow us to receive donations in the name of amateur radio as a public service. As you know, the F.C.C. rules and regulations forbid amateurs accepting payment for their services. Under a corporate structure we could receive donations as long as they are held by a legal organization and used to enhance our public service activities. A case in point is the gift of a complete 5000 watt AM broadcast transmitter from WISN. We plan to sell the transmitter and use the proceeds to obtain additional equipment and supplies which will be held by the corporation and made available for all public service activities coordinated by the Amateur Radio Emergency Corps.

Our years of planning are now ending and a lawyer, who is not an amateur, has been retained to set up our corporation and to file the necessary papers with the State. There will be three requirements for membership in the new corporation: 1, must hold any class of valid amateur radio operators license; 2, be 21 years of age, or older; 3, be a member of the Amateur Radio Emergency Corps branch of the Amateur Radio Public Service Corps as sponsored by the American Radio Relay League, Inc.

All AREC members will be asked to fill out an application form. This form will list the information needed for a permanent "ID" card which will be issued to all members. The "ID" card will carry a photo of the person to whom issued and will be numbered and sealed in plastic. This card will be registered with local police and law enforcement agencies in southeastern Wisconsin. Police and law enforcement officers will have the authority to confiscate the card if it is misused. Those AREC

members who are not 21 will be issued an "ID" identical in nature, except the letters "INC." will be omitted. Both cards will have the same powers of identification.

Those amateurs and other interested persons who are not members of AREC will not be able to receive the "ID" card. The regular League AREC registration card will continue to be issued to all members. The sealed "ID" card must be turned in should a member's AREC registration not be renewed yearly.

It is the feeling of your SEC, EC, & Assistant EC's that the corporation will give strength to our amateur public service activities.

The new name will be AMATEUR RADIO EMERGENCY CORPS, INC. and will use the initials A.R.E.C., INC. The original officers and board of directors will be:

Pres.	K9KJT	Bob Goldstein
Sect.	W9NLY	Frank Seboth
Tres.	W9ATK	Jack McLeland
Agent	W9GPI	Jack Doyle
Board	K9CMX	Harold Engelke
"	WA9DHW	Hank Arndt
"	K9JYX	Don Evenson
"	W9YYW	Walt Glish

Questions concerning the new set up were answered at the monthly AREC meeting Aug. 2. Additional opportunity to register in the corporation will be made during all Red Cross Committee meetings and at all regular AREC meetings. "ID" card photos will be taken at these times. If there are any questions, please feel free to contact any of the officers named above or inquire during the weekly AREC Net at 2100 hours local time on 146.670 wide-band FM.

Please keep in mind that the basic idea of the corporation is to accept, hold, & administer donations in the name of amateur radio. It will not restrict anyone's activities in any AREC approved service or function.

SALUTATIONS

To the new MRAC President;
And a word or two about him.

Bernard E.Tower K9ZPP

Bernie lives at 6921 W Bennett Ave (53219) he is married and besides his family still at home, has FIVE grandchildren, he has been Quality Control Foreman at A-C Electronics Division of G-M Corp the past ten years.

Amateur wise Bernie is General Class and presently is SEC for the Wisconsin Section of ARRL, he has 25 WPM endorsement and operates ALL bands plus 2 meter Wide Band FM.

Mr Tower is Emergency Comm Chief U.S.Navy MARS.

We bespeak your co-operation for the new regime ed.

Besides Bernie Tower the new officers are

Thomas W.Hamilton	K9WIG 1VP
Robert Price	WA9JLU 2VP
Charles C.Dawson	W9CUW Treas
George A.Greeson	W9KIK Secy

Directors

Jack Doyle W9GPI
Frank Seboth W9NLY
James H.Ott W9LCD
Harold Engelke K9CMX
Jack McLeland W9ATK
Russ Greenwood W9LVR

Meets at MSOE 1016 No Bdwy
1st Thurs 7.45 PM
NO STEPS TO CLIMB;

JULY in PASSING

The month was jammed to the hilt with action for the Public Service minded Club Members-to enumerate;

The Circus Train Trip to Milwaukee
The Circus Stageing Area.
The BIG Parade.
The Water Safety Demonstrations.
The Parade of Bands (Stadium)
The South Shore Water Frolic.

We dont know how many amateurs got into the action, BUT each affair seems to bring out a few new ones, and we are happy to see the old timers discovering what fun it CAN be, and HOW much amateur radio is appreciated.
The DAILY TRAFFIC REPORTING goes on and the WEATHER WARNING NET continues daily.

From PAST President Carl

Habit is a strong thing to break, we all know this, and breaking the habit of staying away from MRAC meetings can be rationalized in a lot of different ways.

HOWEVER--amateur radio is still no greatly changed hobby, and the position occupied by MRAC is NO different to-day, than it was 10 20 or 40 years ago.

SURE, we have members who make of PUBLIC SERVICE their strong point for amateur radio, yet we have a growing number who display a full interest in RTTY (and have formed and are part of WATS). DX STILL is a big interest. Two Meter wide band FM is unquestionably the solid local PARTY LINE, while Newcomers receive a FULL share of attention. Over the years we have learned that ALL of ANYTHING becomes tiresome, whether it's traffic, contests or Building, Side Band--CW or just any other singular phase of our hobby.

We NEED them all and have tried to orient the MRAC so that it continues to live up to it's old motto "RIGHT IN THE CENTER of THINGS". In certain quarters we may have failed, for which we apologize, in our stewardship of MRAC we leave the affairs to a new regime in far better situation than we received them, our reserves intact, our ranks growing, and our Treasury in the BEST shape it's been in for FIVE Years. Public Relations have NEVER been better, and our paper now goes to both Coasts, Europe and the far Pacific. My greatest thanks to all who helped me so much, and lets keep MRAC right up there always ALL WAYS.

Sincerely

Carl Rohde, W9ROM

OFFICIAL OBSERVERS (O.O.)

This ARRL appointment is now in a new phase, requirements are relaxed, you MUST have been Licensed OVER 4 Years, hold General or better, League furnishes all supplies. The grown amateur population appreciates this service and the League STILL takes pride in "Ham" radio being self policing, well over 25 Thousand report were sent the past year.

IF you do MORE listening than transmitting, this is for you, our own SCM makes your appointment--help to get Amateur Radio on the RIGHT path.
See Bernie the new MRAC prezzy.

FUNNY THINGS HAPPEN

July 29th beginning about 10 PM we heard W9EWC coming in at 14290 from out in the western part of the Country, The State of Washington, to be exact. We gave old Butch a shout and he immediately wanted to know what WE were doing OUT WEST, which we were NOT. After clearing the matter up it develops that THIS phenomena was REFLECTED SKIP and when we rotated beams toward each other our contact was lost. During the next hour and a half we worked ZL2AC, K8HRK/m in Idaho, K7VLE and WA6ESB all three way, and all with excellent signals. W9RBI describes this special effect as REFLECTED SKIP.

Sun spot students are making some very optimistic statements these days, both 10 and fifteen are indeed looking up, signals are STRONG and on fifteen holds up well into the nighttime periods.

This Fall, you know, was slated as the beginning of the come-back, better get ready, polish up that "sky-hook".

W9GPI

It's darn near TIME-We give a Bouquet

TERRY of Amateur Electronic Supply has for ALL of our issues of "Chatter", given us the paper on which we print, with his equipment, the services of his cartoonist, and the invaluable aid of ELLIN in our "make-up"--all this and Ted Willett too; We ARE grateful, and just wanted you to know so you might add a word yourself, as they say when awarding a DSC, "His service is beyond the call of Duty"

Jack-W9GPI

VIA CONDIOS

Safe and happy traveling.

Bob Wilson W9ZB
Ink Bowen W9QYW
Bill Fale W9BLQ

Bob and Ink are Florida bound for good old Generous Electric, and Bill is headed for the Ivy League up New England way. In this connection it is rumored that a small farewell type of gathering is being planned by the OLD D-X crowd-W9LVR and W9ROM are promoting.

Speaking of D-X;

MRAC is sponsoring a D-Xpedition to MENOMINEE COUNTY (the ex Indian reservation north of Shawano Wis) now the NEWEST COUNTY in the U.S. Tony Kuntz K9CJP is the LEADER and if you like adventure please call Tony for dates, time etcetera. fishin up there aint bad neither.

K7GST--may sound new and different to you--but would you believe W9TPT-same thing, Frank reports his health is great, while he remains in Arizona, frequent trips back to Milwaukee must be limited to 48 hours here. This does not permit much local contact with any but his immediate family. He is getting a new QTH ready, well over an acre and expects to be on air this fall. He reports MRAC (Mesa Radio Amateur Club) doing fine, now using our Roster, and are planning a newsletter.

Apologies to Don Evenson K9JYX for failing to include a "credit line" for the GREAT photography in last "Chatter"

Hope for the BEST and EXPECT the worst, this philosophy is our private viewpoint when anticipating ANYTHING from QST, NOW, our June story on the CIRCUS Parade and Activities, MAY see the light in September, and of course will be edited-on well.

The study of wind noise in car bodies is getting much attention these days from design people of all the manufacturers. This will be welcomed by amateurs who find working "mobile" at turnpike speeds pretty grim.

The prevailing "Long Hot Summer" is, and will be tough on storage batteries, alternators and turnpike driving likewise add problems--answer, watch the battery a little more, fill ONLY to cover the plates, keep the top DRY, lift the terminals and clean em with steel wool, a dab of vaseline before tightening them back up helps a lot.

George Ruger W9VWG (ex)

We were all a bit shocked to read of George's bout with the cardiac specialists, but know that you will all enjoy hearing that he's doing fine, is in N.W. Gen'l Hospital on w Capitol Dr. is allowed to have visitors--and needless to tell you in cases like George, time sometimes drags--nuf said.

ARRL Numbered Radiograms es Messages

Elsewhere in this issue is published a REVISED list, effective September 66 also a reference "cross-over" to the OLD numbers, until these become more available, in late August, place in your Log Book, just in case.

NOW-In the Planning Stage

The following activities;

National Convention of Military Order of Purple Heart.

Hotel Schroeder and Parade Aug 14-15-16 Wilkie Tke's Base Sta Many Ops needed.

Mitchell Field Air Show

Sponsor JAYCEE's

Sptbr 10 es 11th

15-20 Mobiles, Hdy Tlk's, Base Station (s) Ops.

Call EC Bob Goldstein K9KJT 352-9499 SOON-- This is the BIG ONE and we will be wkg under the Sheriff.

CHUCKLETS

One of the Old Timers on 75 says there are three signs of old age, one is loss of memory, but he couldn't remember the other two.

Some wives will not tolerate call sign license plates, we can understand Mrs. Bennett not permitting Bill to use his---the Call is K9/TEX.

Dear Joe:

Yes, we do recall cars for correction of defects in Parts, or labor--but a soft 6146 in your mobile rig does not fall in that category.

A Club Station in a western university refers to a draft call, as a McNamara Scholarship.

Is an unlisted ZIP CODE number really a status symbol.??

Friend of ours claims that the summertime is best for getting a new receiver, that is if you are on a 50-50 deal basis with the O.W.--you get the receiver And she gets a new pair of pants, during winter it COULD be a fur coat.

Phone call from a local--he says, in good old Milwaukee "Say my license is up, must I take a new exam, or can I send them yet four bucks"--problem solved.

Or--describing his new transceiver to a non-ham "It's just like my old set only where I listen, I talk", sort of basic at that.

AMERICAN RADIO RELAY LEAGUE Newington, Conn.

WIDEN BANDS BY EFFICIENT OCCUPANCY INSPIRE GOOD OPERATING BY EXAMPLE

The AMERICAN RADIO RELAY LEAGUE in view of increasing congestion in our limited frequencies, urges upon all amateurs a generally strict observance of the following principles, and some suggested operating procedures:

MAKE proper choice of bands below 30 Mc. for DISTANCE to be covered.

ACHIEVE equipment flexibility. Build, acquire, arrange equipment and station controls so you have a choice of all the frequency bands; make provision for changing Power quickly as well as Band.

USE minimum band width, consistent with good engineering practice, and compatible with the mode of transmission being employed.

EXPAND your use of v.h.f. for LOCAL contacts wherever possible. Aim to conduct SHORT DISTANCE communications in this part of our frequency spectrum.

ADJUST to minimum power necessary to communications. (Sec. 324, Comms. Act.)

IN OPERATING

LISTEN with care before transmitting and in the course of making contacts to minimize conflict in channel use.

BE BRIEF and this will make contacts with you a pleasure. Whether c.w. or voice is used, be concise; avoid monologuing or speech-making to make on-the-air work more pleasurable.

DUMMY-ANT should be switchable for tune-ups. Keep unnecessary testing and transmitter-adjusting for resonance, or output, off the air.

USE VOX or break-in c.w. Such operation will raise the effectiveness of your time on the air, and the efficiency of your exchanges with other amateurs.

SWITCH to the band adapted to your DX purpose. Avoid the unnecessary use of DX frequencies for short distance contacts.

USE minimum power and band width, as required by regulations, with respect to the authorized mode you are using.

MONITOR preferably with gear that directly samples your on-the-air signal. This aids c.w. keying and detection of any defect. Scope and receiver checks* are recommended, to avoid flat-topping, splatter or over-modulation effects.

FOR A CLEAN SIGNAL

CHECK* operating conditions regularly. Re-check transmitters for harmonic suppression, freedom from clicks or chirps, or gain control or other limit points beyond which splatter, flat-topping and spurious effects occur.

FOR LOCAL CONTACTS USE LOCAL FREQUENCIES: BANDSWITCH! MAKE OPERATIONS CLEAN-COURTEOUS-CONCISE PASS ON ACCURATE HONEST SIGNAL REPORTS. INCLUDE TACTFUL MENTION OF ANY SIGNAL DEFECT . . .

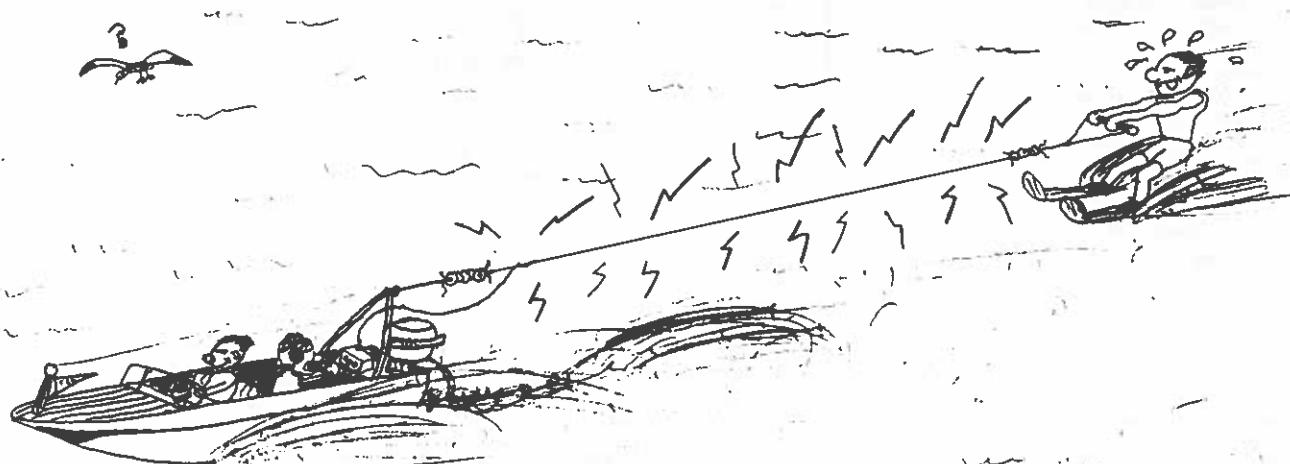
*For reference:

1. How to Run Your Linear (On avoiding spurious radiations). Nov. '62 QST, page 11.
2. Looking at Phone Signals; the Receiver as an Analyzer. Pages 46-49 Dec. '62 QST.
3. Checking Signal Quality with the Receiver

(Test Set Up & Dummy Ant.) Page 34 Mar. '63 QST.
4. Criticizing c.w. Signals. June QST. Page 53.
5. Testing Your Keying, Pages 245-256, *The Radio Amateur's Handbook* ('63).

HAMATOON

By Ted W9NHE



We're Maritime Mobile here, OM -- that is, as long as the antenna holds out!?!?

Ted Willett

On Using Numbered Text Messages

ARL is inserted in the check before the figures to show that the text of a message is from this list. ARL also must appear before each spelled out number in the text. It is an identifier and also separates the numbers representing fixed-texts, avoiding confusion if more than one such text is sent in a message. The check in our example, as in all messages, gives the actual count of the full number of words or groups sent in the text. For text accuracy all numbers must be spelled out. Delivery caution: Every delivering station must expand the text to the full written version (no numbers). The ARRL fixed-text radiograms are special purpose forms, for use in the latter stages of emergencies, also for holiday season requirements. See the ARRL publication, *Operating an Amateur Radio Station*, for additional ARL-text examples and full information on message forms and net procedures.

F. E. HANDY, Communications Manager

A.R.R.L. NUMBERED RADIograms

(Effective Sept. 1, 1966)

I. For Possible "Relief Emergency" Use

ONE	All safe. Do not be concerned about disaster reports.
TWO	Coming home as soon as possible.
THREE	Am perfectly all right. Don't worry.
FOUR	Everyone safe here. Only slight property damage.
SIX	Everyone safe, writing soon.
•SEVEN	Reply by amateur radio.
ELEVEN	Conditions do not permit me to come home at this time. Am perfectly all right. Will be home as soon as possible.
•TWELVE	Are you safe? Anxious to hear from you.
•THIRTEEN	Is safe? Please advise.
•FIFTEEN	Advise if you need help.
•SIXTEEN	Please advise your condition.
•EIGHTEEN	Please contact me as soon as possible (at).
•NINETEEN	Request health and welfare report on (state name, address and, if known, telephone number).

II. Thanks or Social Messages

TWENTY	Thanks for the wonderful time.
TWENTY ONE	Your gift greatly appreciated. Many thanks.
TWENTY TWO	Many thanks for your good wishes. Happy to hear from you.
TWENTY THREE	Your amateur radiogram appreciated. Many thanks.
TWENTY FOUR	Your letter appreciated. Many thanks.
TWENTY FIVE	Your package received. Many thanks.
TWENTY SIX	Delighted to hear the good news.
TWENTY SEVEN	Congratulations on your promotion.
TWENTY EIGHT	Congratulations on your election.
THIRTY	Good luck in your new position.

III. Anniversaries

THIRTY ONE	Heartiest congratulations on your wedding anniversary.
THIRTY TWO	Love and best wishes on the anniversary.
THIRTY FOUR	Wish I could be with you.
THIRTY FIVE	Wish we could be with you.
THIRTY SIX	Wish you could be with us.
THIRTY EIGHT	Congratulations and best wishes on your retirement.

IV. Weddings and Birthdays

FORTY	Congratulations and best wishes for health, happiness and prosperity.
FORTY ONE	Hearty congratulations and wishes for your happiness together.
FORTY SIX	Greetings on your birthday and best wishes for many more to come.
FORTY EIGHT	Congratulations on the new arrival. Hope mother and child are well.

V. Greetings and Seasonal Messages

FIFTY	Greetings by amateur radio.
FIFTY TWO	Love and best wishes. I am thinking of you most affectionately on this day.
FIFTY THREE	Best wishes for a Thanksgiving Day full of cheer and happiness.
FIFTY FOUR	Victory or defeat, our best wishes are with you. Hope you win.
FIFTY SIX	All the best for a Merry Christmas.
FIFTY EIGHT	Wishing you a very Merry Christmas and a Happy New Year.
FIFTY NINE	Merry Christmas from all of us. Wish you could be here.
SIXTY	All the best in the New Year.
SIXTY ONE	Love and best wishes for a Merry Christmas and a Happy New Year.
SIXTY TWO	The heartiest of seasons greetings.
SIXTY THREE	Most sincere wishes for health, happiness and prosperity.
SIXTY SEVEN	Most sincere wishes for health and happiness on this Easter Day.
SEVENTY ONE	Best wishes for a very pleasant journey.
SEVENTY TWO	Have not heard from you in some time. Please write or answer by amateur radio, through the station delivering this message. Wishing you and yours the best this holiday season.
SEVENTY FOUR	Hope you have a wonderful vacation. See you when you get back.
SEVENTY FIVE	Having a wonderful time. See you when I return.
SEVENTY SIX	This message is sent free of charge by amateur radio from an exhibit at the (name of fair, exposition, hobby show, etc.)
SEVENTY SEVEN	Having a wonderful time at (name of fair, exposition, exhibit, etc.). Wish you were here.

VI. Miscellany

SEVENTY EIGHT	This acknowledges receipt of your letter.
SEVENTY NINE	This acknowledges receipt of your message.
EIGHTY	This acknowledges receipt of your recent communication.
EIGHTY ONE	Please acknowledge receipt of this message by return radiogram.

As operating Signals:

ARL? Do you have the list of A.R.R.L. Numbered Radiograms, and are you ready for such message?

ARL I have the A.R.R.L. Numbered Radiogram list. I am ready for such a message.

NR 1 R W1AW CK ARL 3 NEWINGTON CONN MAR 5 (ADDRESS) BT ARL TWENTY SIX BT JACK ROBINSON AR

*Not to be solicited in emergency. Messages out of disaster areas must receive precedence.

Certain deleted ARL texts may appear for a time. Delivering stations may use substitute texts as noted below.

Old Text	New Text	Old Text	New Text	Old Text	New Text
5	3	33	32	57	56
17	18	44	46	64	63
8	6	45, 47	46	65	53
10	11	51	52	66	61
14	12 or 16	55	58		